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COPY

FIG.1

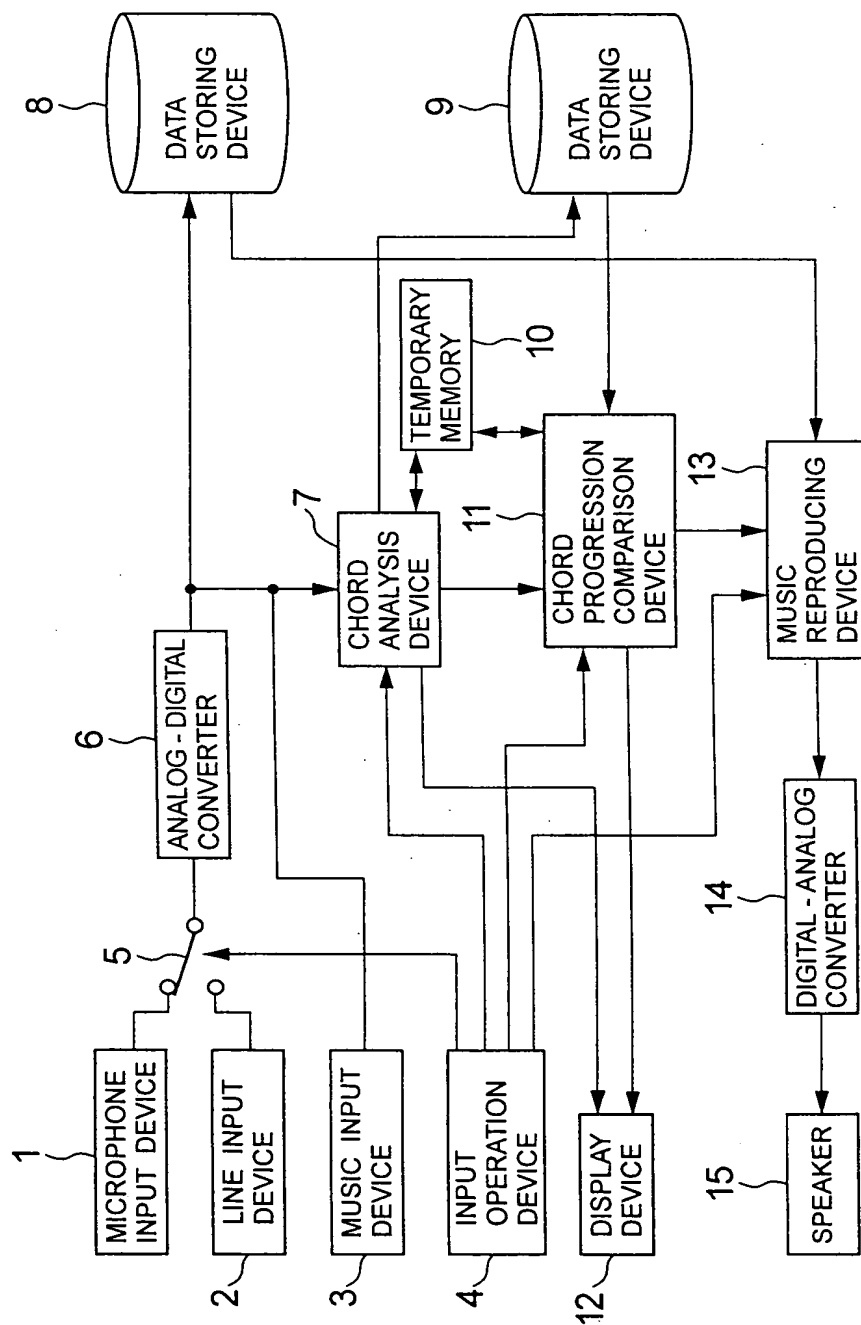
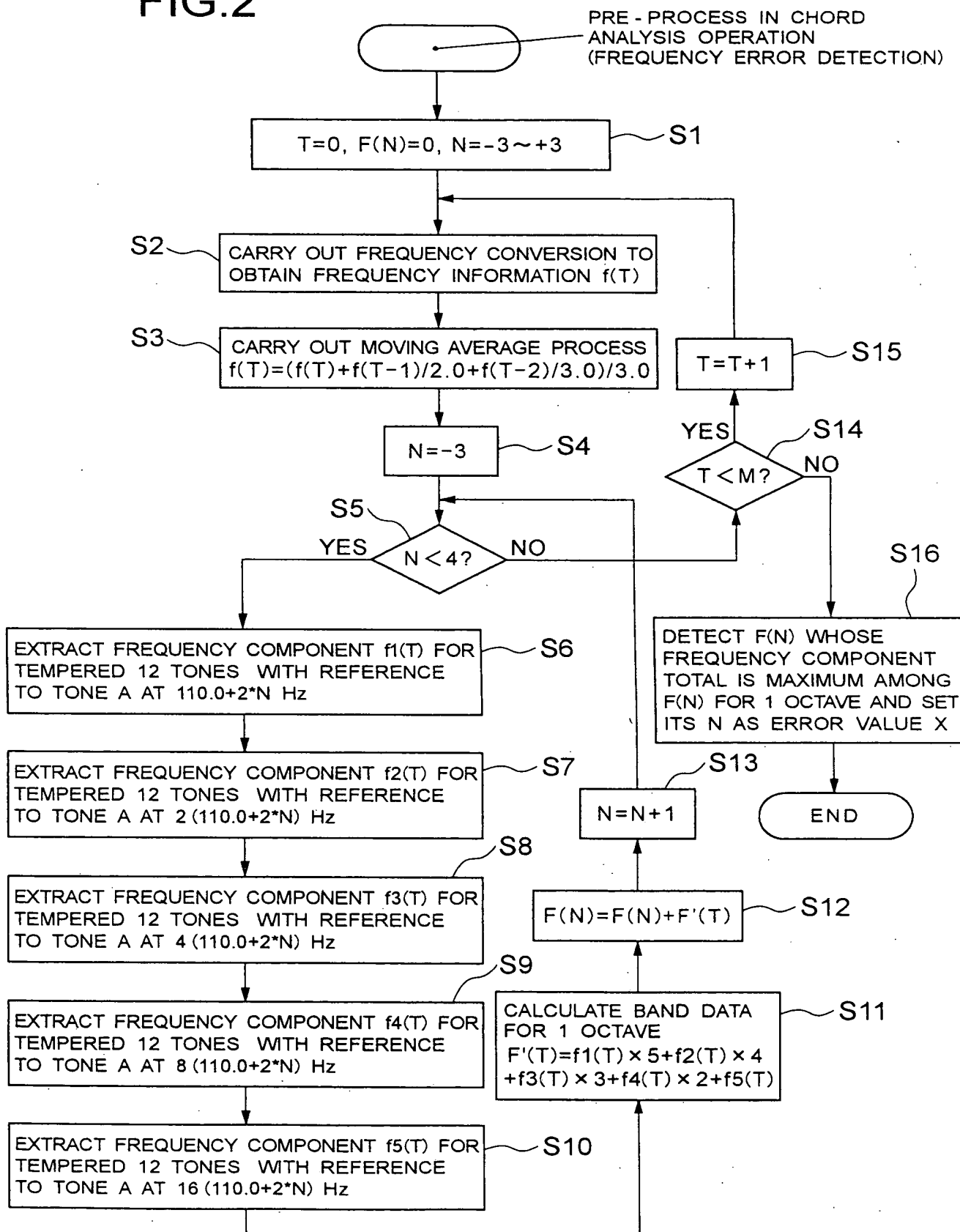


FIG.2



COPY

FIG.3

A	1.0
A#	$A \times 1.059163$
B	$A \times 1.124622$
C	$A \times 1.189207$
C #	$A \times 1.259921$
D	$A \times 1.334840$
D #	$A \times 1.414214$
E	$A \times 1.498307$
F	$A \times 1.587401$
F #	$A \times 1.681793$
G	$A \times 1.781797$
G #	$A \times 1.887749$
A	$A \times 2.0$

FIG. 4

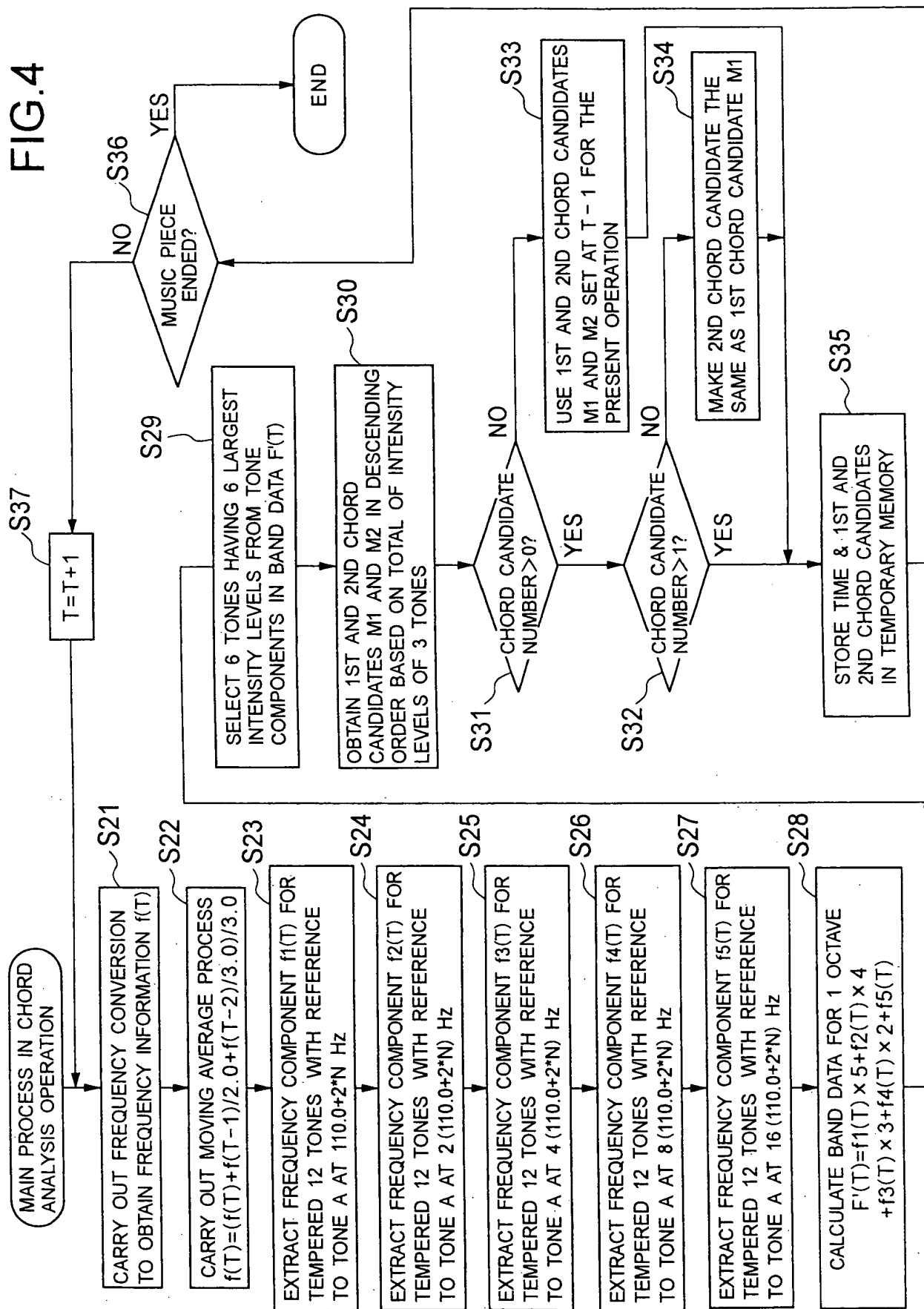


FIG.5

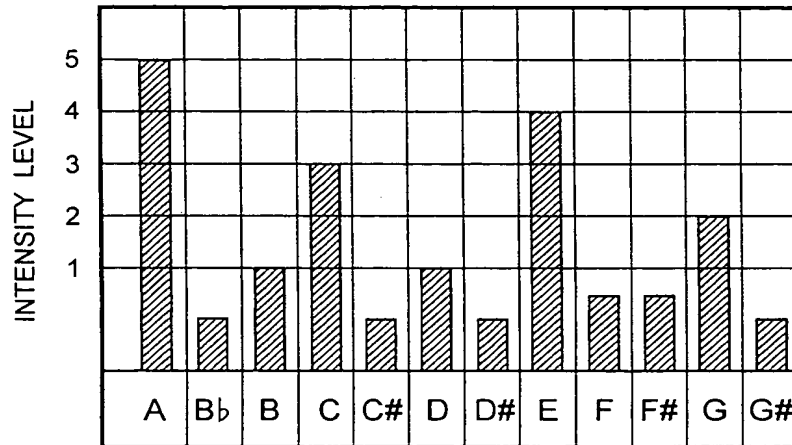


FIG.6

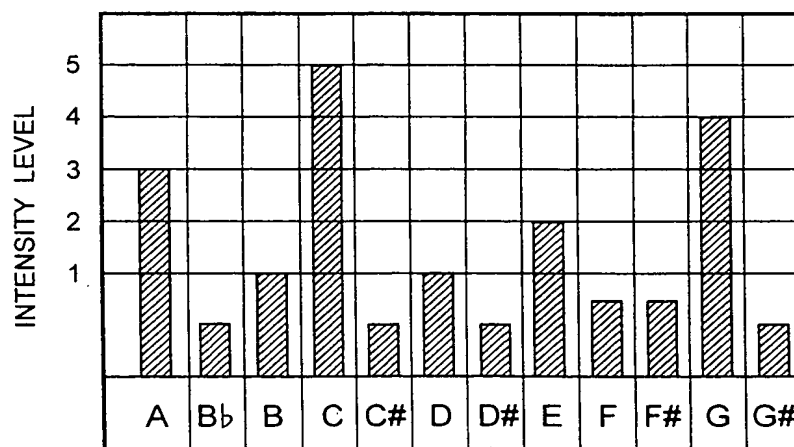


FIG.7

A+C+E+G(Am7)

→ A+C+E(Am) | C+E+G(C)

A+C+E ♭ +F#(Adim7)

→ A+C+E ♭ (Adim7 CANDIDATE) | C+E ♭ +F#(Cdim7 CANDIDATE)

A+C#+E+G(A7)

→ A+C#+E(A) | A+C#+G(A7 CANDIDATE) | C#+E+G(C#dim7 CANDIDATE)

A+C+E+G+B(Am7.9)

→ A+C+E(Am) | C+E+G(C) | E+G+B(Em)

FIG.8

TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)
TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)
⋮
TIME (4 BYTES) 1ST CHORD CANDIDATE (1 BYTE) 2ND CHORD CANDIDATE (1 BYTE)

FIG.9A

FUNDAMENTAL TONE	
A	0 × 00
A#	0 × 01
B	0 × 02
C	0 × 03
C#	0 × 04
D	0 × 05
D#	0 × 06
E	0 × 07
F	0 × 08
F#	0 × 09
G	0 × 0A
G#	0 × 0B

FIG.9B

ATTRIBUTE	
MAJOR	0 × 00
MINOR	0 × 02
7TH CANDIDATE	0 × 01
DIM 7TH CANDIDATE	0 × 03

FIG.9C

ATTRIBUTE (LOWER 4 BITS) + FUNDAMENTAL TONE (LOWER 4 BITS)

FIG.10

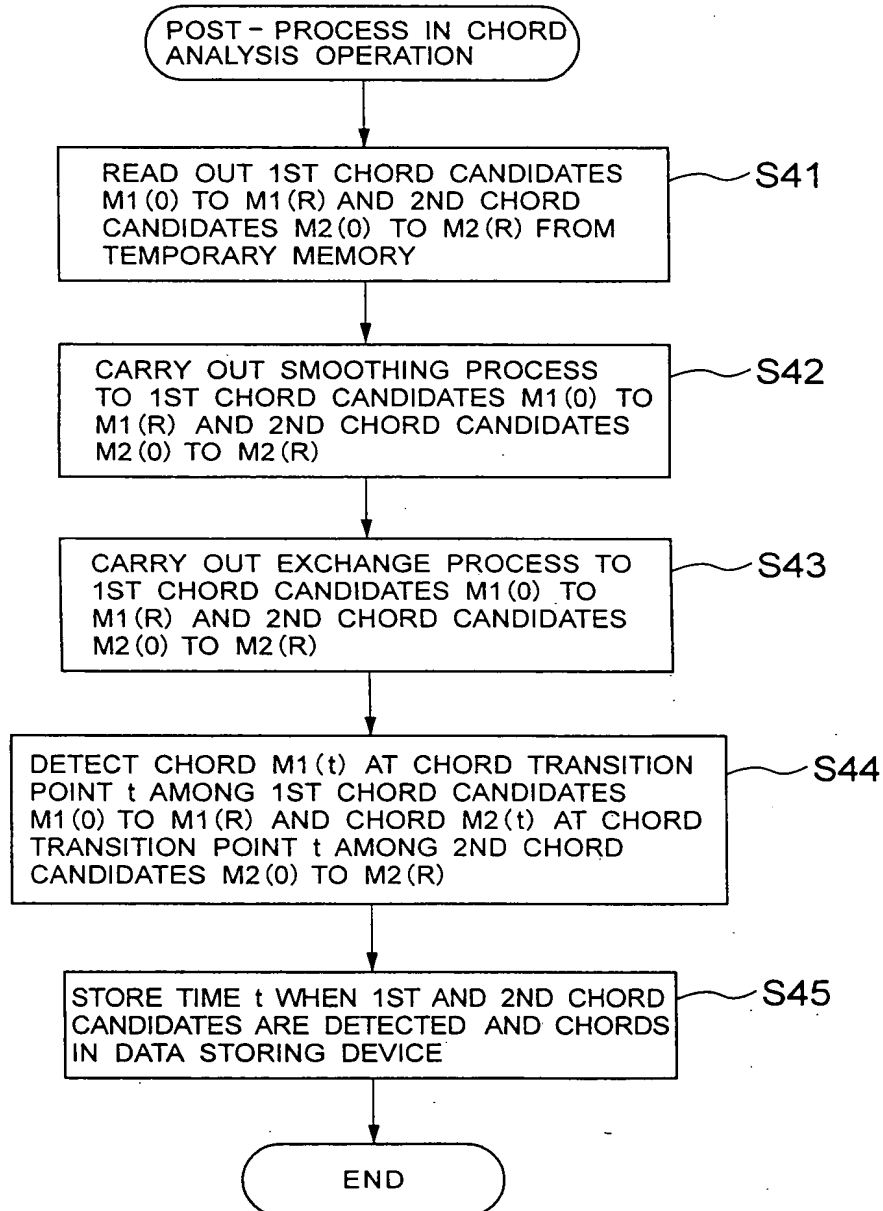


FIG.11

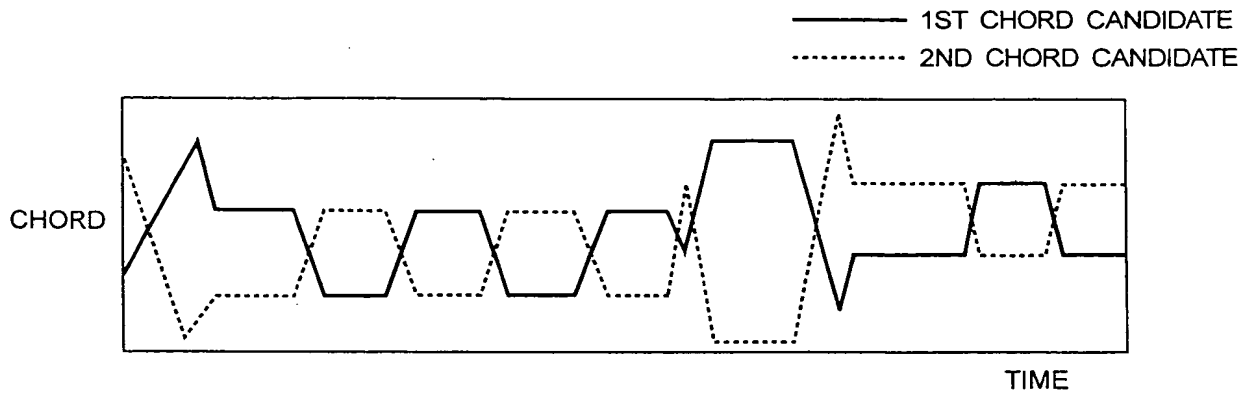


FIG.12

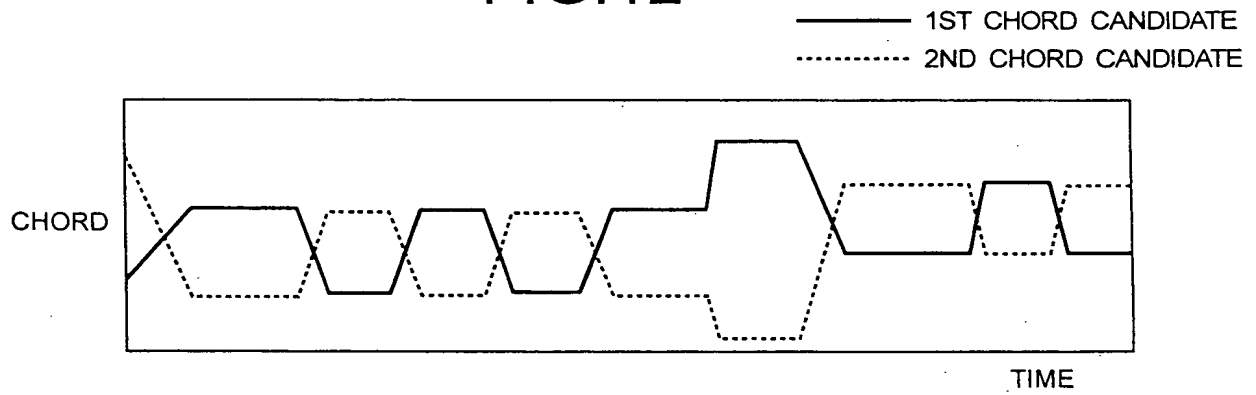
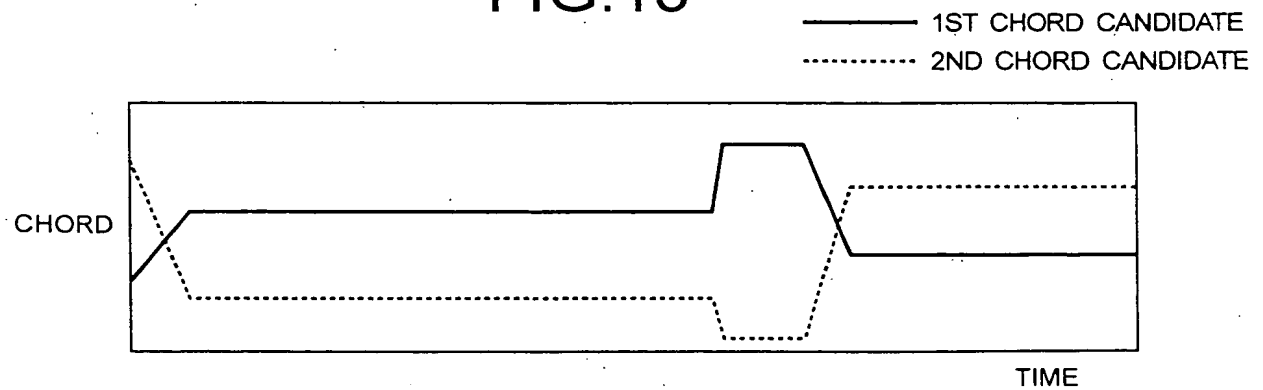


FIG.13



—— 1ST CHORD CANDIDATE
..... 2ND CHORD CANDIDATE

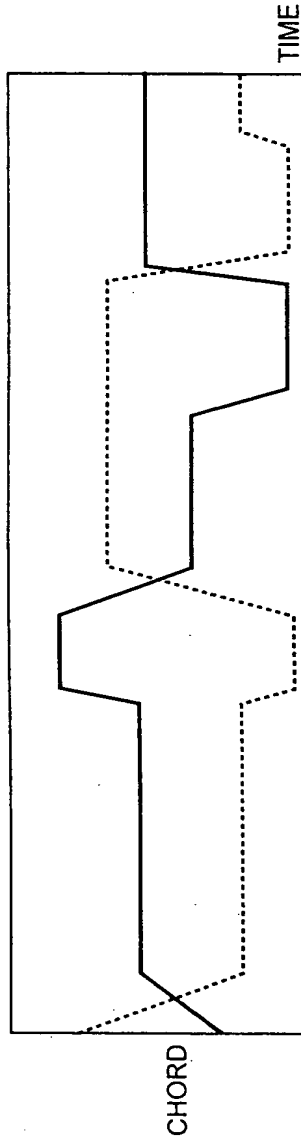


FIG.14A

TRANSITION OF
1ST CHORD
CANDIDATE

F	G	D	B \flat	F
0 x 08	0 x 0A	0 x 05	0 x 01	0 x 08
←TIME (T1(0))	T1(1)	T1(2)	T1(3)	T1(4)

TRANSITION OF
2ND CHORD
CANDIDATE

F	B \flat	F \sharp m	B \flat	C
0 x 03	0 x 01	0 x 29	0 x 01	0 x 03
←TIME (T2(0))	T2(1)	T2(2)	T2(3)	T2(4)

FIG.14B

FIG.14C

IDENTIFICATION INFORMATION FOR MUSIC PIECES (FILE NAMES, ETC.) (512 BYTES)

NUMBER OF 1ST CHORD

CANDIDATES (4 BYTES)

T1(3) (4 BYTES) [0 x 01] T1(4) (4 BYTES) [0 x 08]

NUMBER OF 2ND CHORD

CANDIDATES (4 BYTES)

T2(3) (4 BYTES) [0 x 01] T2(4) (4 BYTES) [0 x 03]

T1(0) (4 BYTES) [0 x 08] T1(1) (4 BYTES) [0 x 0A] T1(2) (4 BYTES) [0 x 05]

T2(0) (4 BYTES) [0 x 03] T2(1) (4 BYTES) [0 x 01] T2(2) (4 BYTES) [0 x 29]

FIG.14D

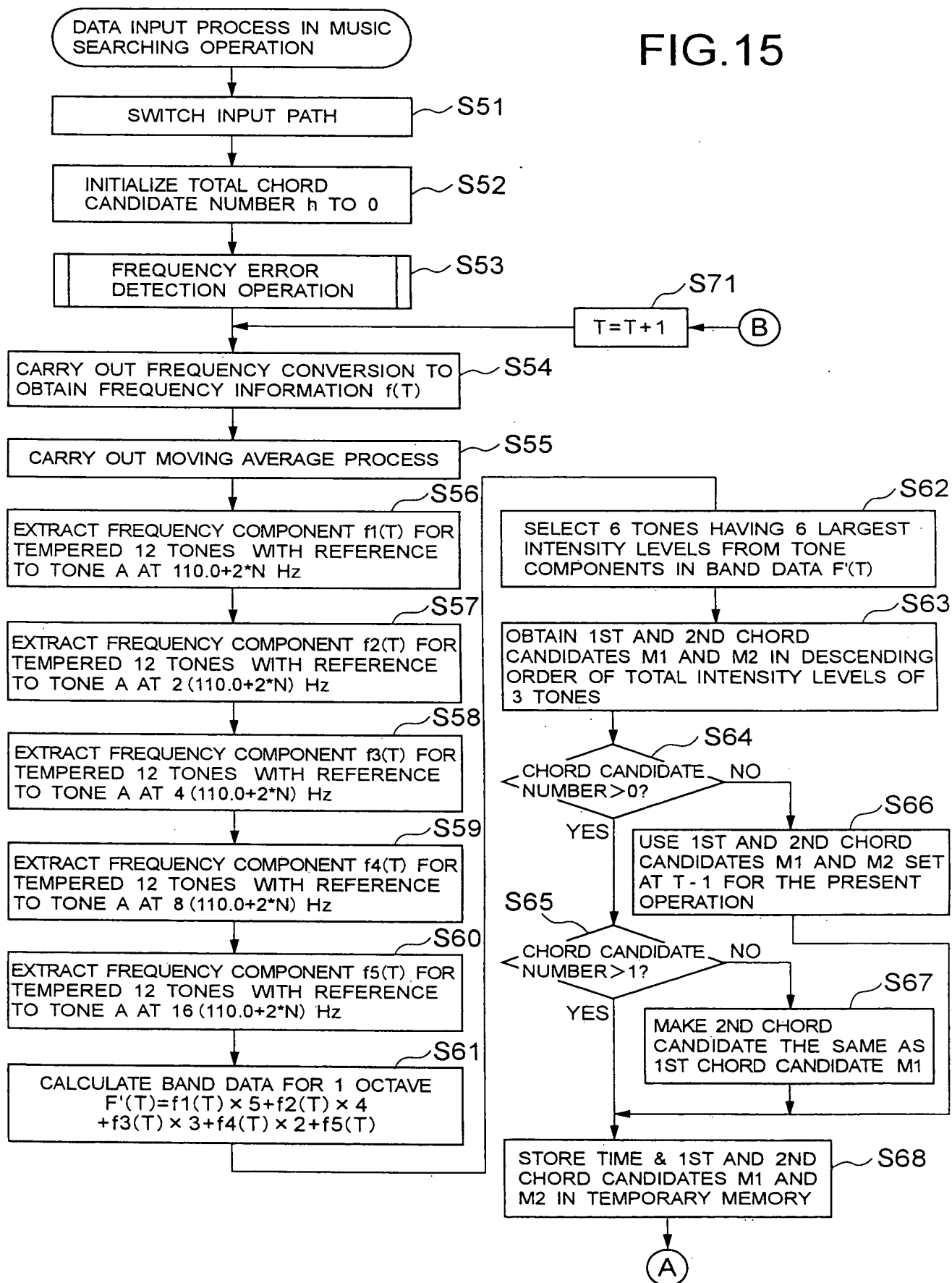
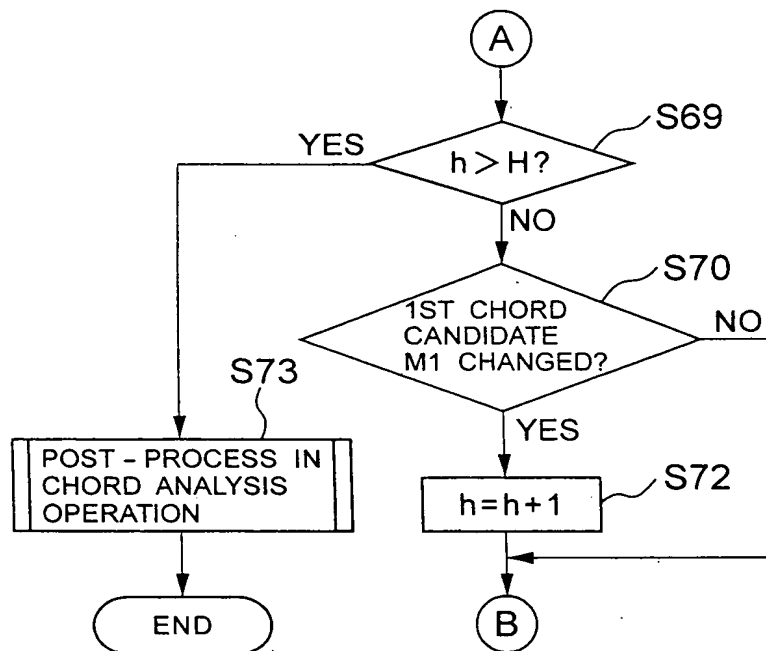
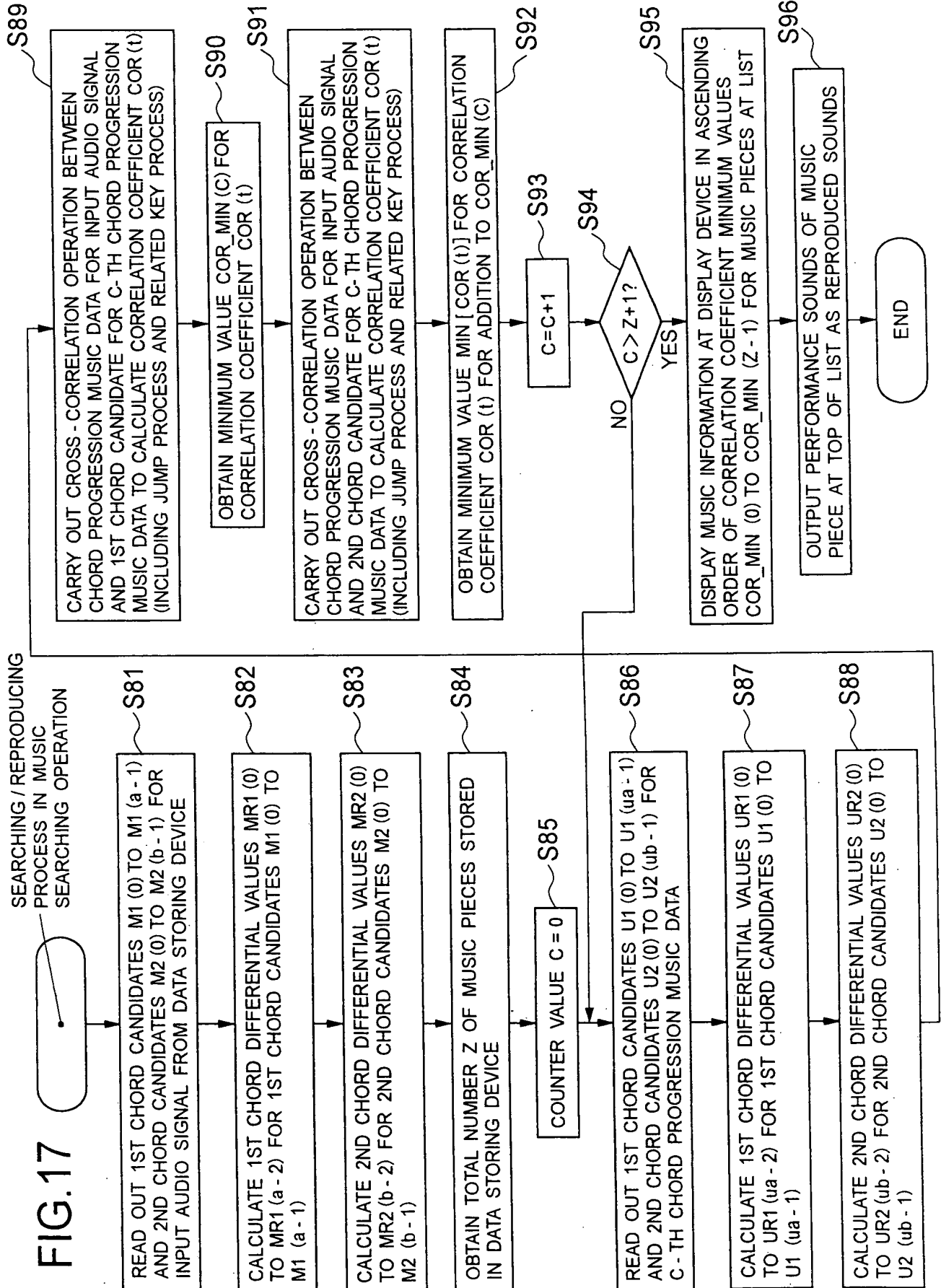
COPY**FIG.15**

FIG.16



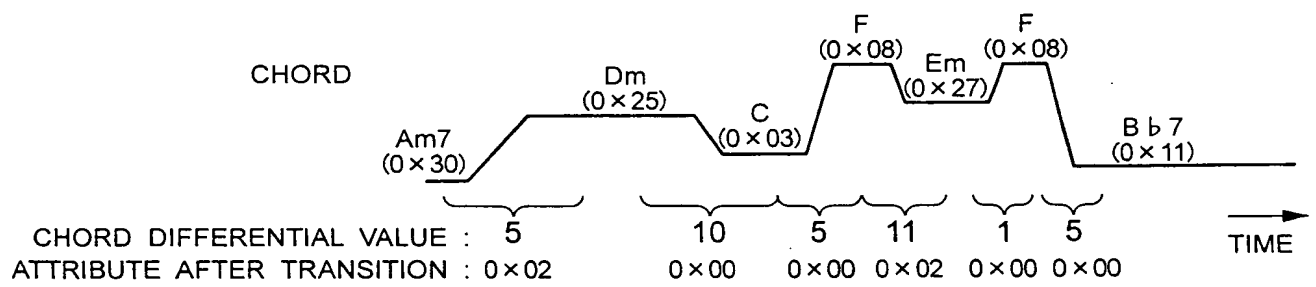
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13 / 16

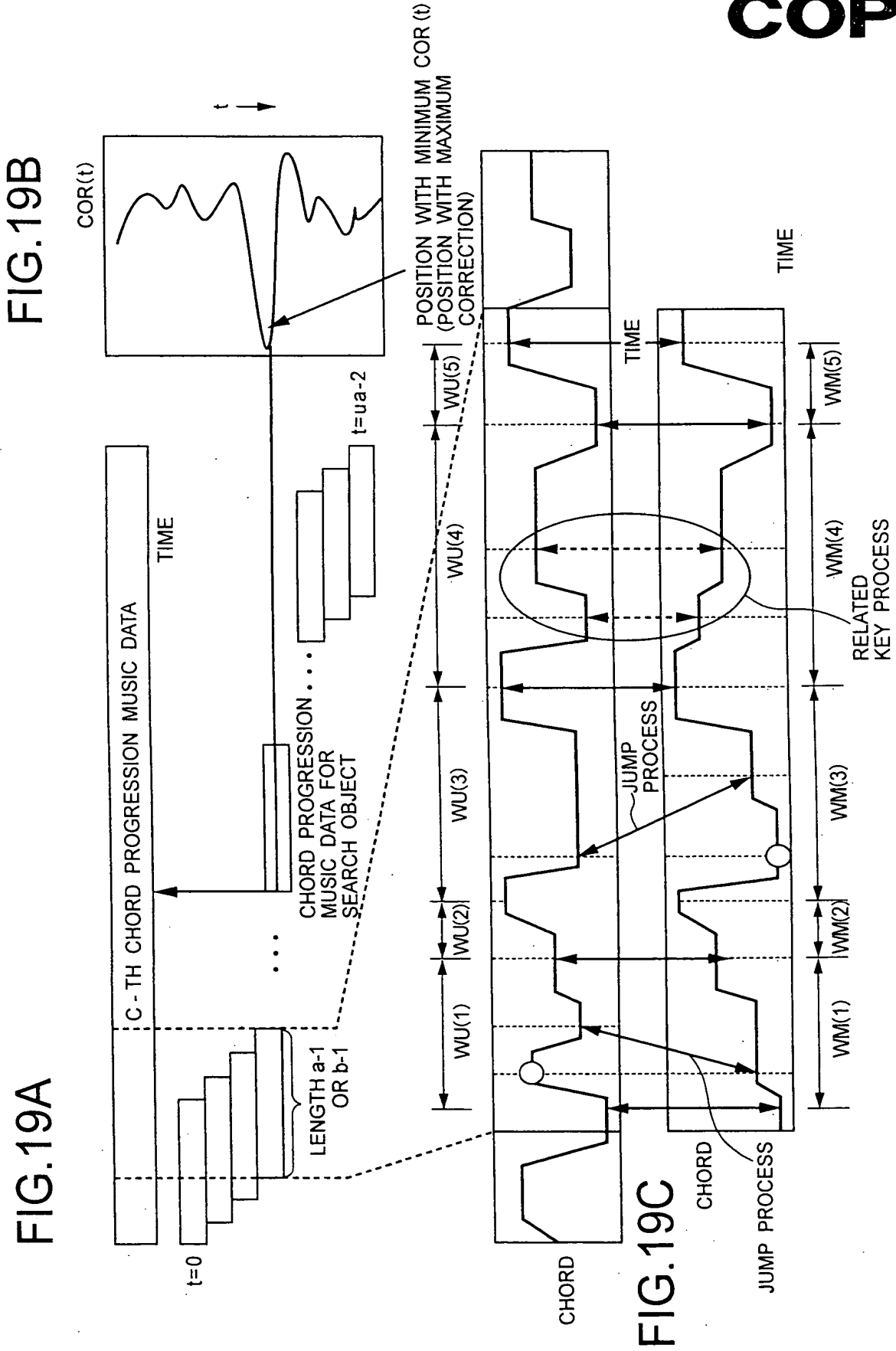


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FIG.18



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FIG.20

